# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 2 | "20050115060" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/12/17 15:06 |
| L2 | 2 | "5692292".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/12/17 15:06 |
| L3 | 4 | ("4631812" \| "4719694" \| "5329690" \| "5513427").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/17 15:06 |
| L4 | 32 | ("5692292").URPN. | USPAT | OR | OFF | 2007/12/17 15:06 |
| L5 | 24 | ("3650140" \| "4231153" \| "4480780" \| "4573262" \| "4624050" \| "4631812" \| "4875285" \| "5002448" \| "5115559" \| "5233745" \| "5323528" \| "5410801" \| "5456001" \| "5541834" \| "5579572" \| "5651176" \| "5692292" \| "5711065" \| "5740604" \| "5741114" \| "5778525" \| "6408505" \| "6789310" \| "6935017").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/17 15:07 |
| L6 | 19 | ("4231153" \| "4480780" \| "4573262" \| "4624050" \| "4631812" \| "4875285" \| "5002448" \| "5115559" \| "5191702" \| "5233745" \| "5323528" \| "5410801" \| "5456001" \| "5541834" \| "5692292" \| "5711065" \| "5740604" \| "5743001" \| "5743005").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/17 15:08 |
| L7 | 14 | mounting same component same circuit same conveyor same detector | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/17 15:11 |
| L8 | 1188 | 29/740.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/17 15:11 |
| L9 | 1 | 7 and 8 | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/17 15:11 |
| L10 | 741 | 29/743.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/17 15:11 |
| L11 | 0 | 7 and 10 | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/17 15:12 |

# EAST Search History

| | | | | | | |
|---|---|---|---|---|---|---|
| L12 | 1054 | 29/739.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/17 15:12 |
| L13 | 0 | 7 and 12 | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/17 15:12 |
| L14 | 93 | 414/183.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/17 15:12 |
| L15 | 0 | 14 and 7 | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/17 15:12 |
| L16 | 279 | 414/276.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/17 15:13 |
| L17 | 0 | 16 and 7 | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/17 15:13 |
| L18 | 826 | 198/817.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/17 15:13 |
| L19 | 0 | 7 and 18 | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/17 15:14 |
| L20 | 106 | 198/341.01.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/17 15:14 |
| L21 | 9 | 198/341.01.ccls. and detector | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/17 15:19 |
| L22 | 137 | 8 and detector | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/17 15:20 |
| L23 | 341 | 29/742.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/17 15:21 |
| L24 | 28 | 23 and detector | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/17 15:21 |
| L25 | 18 | ("4283847").URPN. | USPAT | OR | OFF | 2007/12/17 15:29 |
| L26 | 1480 | 414/217.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/17 15:29 |

| L27 | 105 | 26 and detector | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/17 15:29 |
|-----|-----|-----|-----|-----|-----|-----|
| L28 | 22 | 26 and detector and conveyor | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/17 15:30 |
| L29 | 146 | 198/818.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/17 15:31 |
| L30 | 0 | 29 and detector and conveyor | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/17 15:31 |
| L31 | 108515 | Toshiro Kondo.inv. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/17 15:32 |
| L32 | 78 | 31 and detector and conveyor | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/17 15:33 |
| L33 | 73029 | movable adj member | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/17 15:33 |

# EAST Search History

| | | | | | | |
|---|---|---|---|---|---|---|
| L34 | 8 | 32 and 33 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/17 15:34 |
| L35 | 0 | piezoelectric same layers same thin same film same insulation same interdielectric | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/17 15:36 |
| L36 | 2 | piezoelectric same layers same thin same film same insulation same dielectric | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/17 15:42 |
| L37 | 3298 | piezoelectric same plurality same layers | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/17 15:46 |
| L38 | 170231 | metal adj layer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/17 15:43 |
| L39 | 74939 | insulation adj layer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/17 15:43 |
| L40 | 101018 | barrier adj layer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/17 15:43 |

# EAST Search History

| | | | | | | |
|---|---|---|---|---|---|---|
| L41 | 0 | 37 and 38 and 39 and 40 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/17 15:43 |
| L42 | 15 | 37 and 38 and 39 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/17 15:44 |
| L43 | 0 | 37 and 38 and 39 and barrier | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/17 15:44 |
| L44 | 12 | ("4128309" \| "4257686" \| "4298247" \| "4420222" \| "4588268" \| "5262696" \| "5329322" \| "5576780" \| "5777719" \| "5907153" \| "5949521" \| "6023057").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/17 15:45 |
| L45 | 2926 | piezoelectric adj layers | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/17 15:46 |
| L46 | 0 | 45 and 38 and 39 and 40 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/17 15:46 |
| L47 | 16 | 45 and 38 and 39 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/17 15:46 |
| L48 | 5 | ("4217684" \| "4460841" \| "4564980" \| "5329496" \| "5381385").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/17 15:51 |

# EAST Search History

| L49 | 0 | ultrasound same actuator same stack same film | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/17 15:52 |
|-----|---|----------------------------------------------|------------------------|----|-----|------------------|
| L50 | 365 | piezoelectric same stack same film | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/17 15:52 |